



# 细胞因子系列



非标签纯化



特异性强/纯度高



GMP GMP级和科研级种类齐全

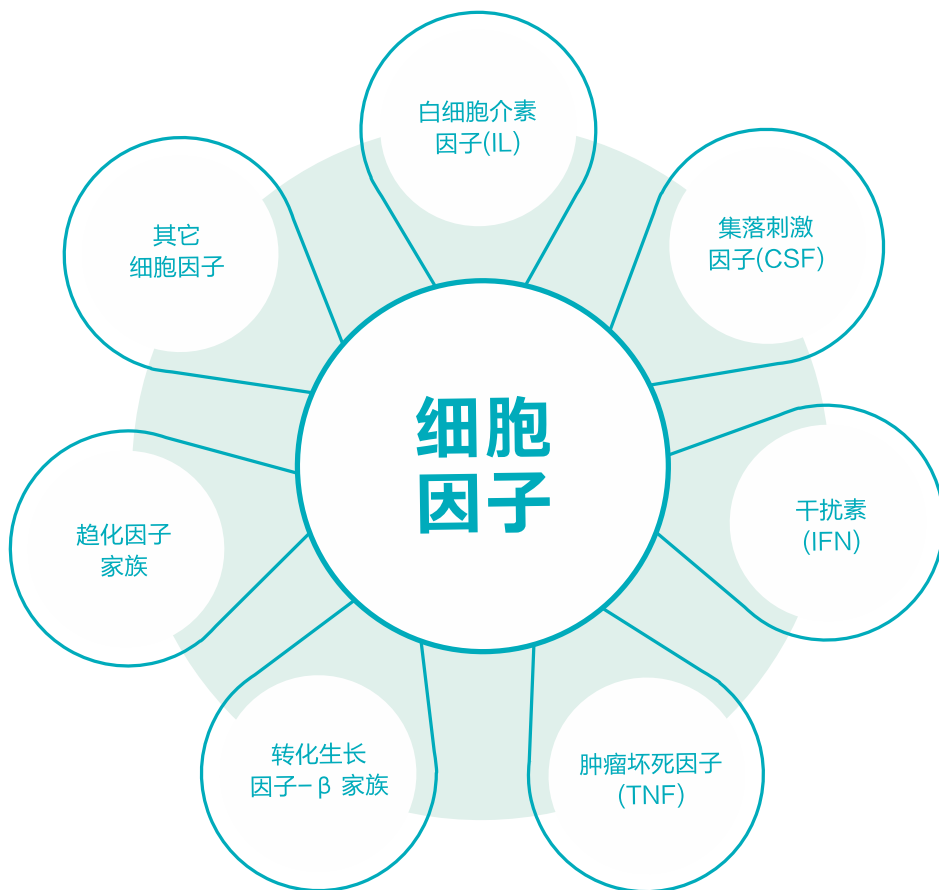


# 逐典细胞因子

为细胞治疗行业提供全面、专业的细胞因子产品

## 产品描述

上海逐典在拥有GMP级质量管理体系平台的基础上，结合细胞治疗药物生产规范，提供多种如白细胞介素、TGF- $\beta$  家族，肿瘤坏死因子TNF，集落刺激因子CSF等产品。以更严格的质量管理和放行检测标准，助力免疫细胞治疗药物的临床研究，加速临床、上市申报进程。



## 产品特点

- ✓ 非标签纯化
- ✓ 全面覆盖各类细胞培养所需
- ✓ 特异性强，纯度高
- ✓ 规格可根据需求定制
- ✓ GMP和科研级别均可提供

Revvity

WEICHLAB  
WEICHLAB

逐典细胞因子产品清单

| 产品名称                 | 级别  | 逐典货号        | 规格           |
|----------------------|-----|-------------|--------------|
| Activin A            | RUO | CY174F0010L | 10 $\mu$ g   |
|                      | RUO | CY174F0100L | 100 $\mu$ g  |
|                      | RUO | CY174F1000L | 1000 $\mu$ g |
| CCL2/MCP-1           | RUO | CY093F0010L | 10 $\mu$ g   |
|                      | RUO | CY093F0100L | 100 $\mu$ g  |
|                      | RUO | CY093F1000L | 1000 $\mu$ g |
| h41BBL               | RUO | CY053F0010  | 10 $\mu$ g   |
|                      | RUO | CY053F1000  | 1000 $\mu$ g |
| hAGT                 | RUO | CY094F0010L | 10 $\mu$ g   |
|                      | RUO | CY094F0100L | 100 $\mu$ g  |
|                      | RUO | CY094F1000L | 1000 $\mu$ g |
| hCD40L               | RUO | CY095F0010L | 10 $\mu$ g   |
|                      | RUO | CY095F0100L | 100 $\mu$ g  |
|                      | RUO | CY095F1000L | 1000 $\mu$ g |
| hCSF1/M-CSF          | RUO | CY096F0010L | 10 $\mu$ g   |
|                      | RUO | CY096F0100L | 100 $\mu$ g  |
|                      | RUO | CY096F1000L | 1000 $\mu$ g |
| hCSF2/GM-CSF         | RUO | CY023F0010  | 10 $\mu$ g   |
|                      | RUO | CY023F0020  | 20 $\mu$ g   |
|                      | RUO | CY023F0050  | 50 $\mu$ g   |
|                      | RUO | CY097F0010L | 10 $\mu$ g   |
|                      | RUO | CY097F0100L | 100 $\mu$ g  |
|                      | RUO | CY097F1000L | 1000 $\mu$ g |
| hCSF3/G-CSF          | RUO | CY098F0010L | 10 $\mu$ g   |
|                      | RUO | CY098F0100L | 100 $\mu$ g  |
|                      | RUO | CY098F1000L | 1000 $\mu$ g |
| hDHH                 | RUO | CY099F0010L | 10 $\mu$ g   |
|                      | RUO | CY099F0100L | 100 $\mu$ g  |
|                      | RUO | CY099F1000L | 1000 $\mu$ g |
| hDKK1-His            | RUO | CY100F0010L | 10 $\mu$ g   |
|                      | RUO | CY100F0100L | 100 $\mu$ g  |
|                      | RUO | CY100F1000L | 1000 $\mu$ g |
| hEGF                 | RUO | CY069F0010  | 10 $\mu$ g   |
|                      | RUO | CY069F0050  | 50 $\mu$ g   |
|                      | RUO | CY069F0200  | 200 $\mu$ g  |
|                      | RUO | CY069F1000  | 1000 $\mu$ g |
|                      | RUO | CY175F0010L | 10 $\mu$ g   |
|                      | RUO | CY175F0100L | 100 $\mu$ g  |
|                      | RUO | CY175F1000L | 1000 $\mu$ g |
| hEPO                 | RUO | CY101F0010L | 10 $\mu$ g   |
|                      | RUO | CY101F0100L | 100 $\mu$ g  |
|                      | RUO | CY101F1000L | 1000 $\mu$ g |
| Heregulin- $\beta$ 1 | RUO | CY102F0010L | 10 $\mu$ g   |
|                      | RUO | CY102F0100L | 100 $\mu$ g  |
|                      | RUO | CY102F1000L | 1000 $\mu$ g |
| hFGF2/bFGF/FGFbasic  | RUO | CY024F0050  | 50 $\mu$ g   |
|                      | RUO | CY103F0010L | 10 $\mu$ g   |
|                      | RUO | CY103F0100L | 100 $\mu$ g  |
|                      | RUO | CY103F1000L | 1000 $\mu$ g |

| 产品名称      | 级别  | 逐典货号        | 规格      |
|-----------|-----|-------------|---------|
| hFGF7     | RUO | CY079F0010L | 10 μg   |
|           | RUO | CY079F0100L | 100 μg  |
|           | RUO | CY079F1000L | 1000 μg |
| hFGF9     | RUO | CY080F0010L | 10 μg   |
|           | RUO | CY080F0100L | 100 μg  |
|           | RUO | CY080F1000L | 1000 μg |
| hFLT3L    | RUO | CY054F0010  | 10 μg   |
|           | RUO | CY176F0010L | 10 μg   |
|           | RUO | CY176F0100L | 100 μg  |
|           | RUO | CY176F1000L | 1000 μg |
| hFSTL1    | RUO | CY104F0010L | 10 μg   |
|           | RUO | CY104F0100L | 100 μg  |
|           | RUO | CY104F1000L | 1000 μg |
| hGas6-his | RUO | CY105F0010L | 10 μg   |
|           | RUO | CY105F0100L | 100 μg  |
|           | RUO | CY105F1000L | 1000 μg |
| hGDF15    | RUO | CY055F0010  | 10 μg   |
|           | RUO | CY055F0050  | 50 μg   |
| hGDNF     | RUO | CY106F0010L | 10 μg   |
|           | RUO | CY106F0100L | 100 μg  |
|           | RUO | CY106F1000L | 1000 μg |
| hHGF      | RUO | CY107F0010L | 10 μg   |
|           | RUO | CY107F0100L | 100 μg  |
|           | RUO | CY107F1000L | 1000 μg |
| hIFNA8    | RUO | CY109F0010L | 10 μg   |
|           | RUO | CY109F0100L | 100 μg  |
|           | RUO | CY109F1000L | 1000 μg |
| hIFN α 2a | RUO | CY108F0010L | 10 μg   |
|           | RUO | CY108F0100L | 100 μg  |
|           | RUO | CY108F1000L | 1000 μg |
| hIFN α 2b | RUO | CY038F0010  | 10 μg   |
|           | RUO | CY038F0050  | 50 μg   |
| hIFN β    | RUO | CY110F0010L | 10 μg   |
|           | RUO | CY110F0100L | 100 μg  |
|           | RUO | CY110F1000L | 1000 μg |
| hIFN-γ    | RUO | CY037F0050  | 50 μg   |
|           | RUO | CY037F0100  | 100 μg  |
|           | RUO | CY037F1000  | 1000 μg |
|           | RUO | CY177F0010L | 10 μg   |
|           | RUO | CY177F0100L | 100 μg  |
|           | RUO | CY177F1000L | 1000 μg |
| hIGF1     | RUO | CY077F0010  | 10 μg   |
|           | RUO | CY178F0010L | 10 μg   |
|           | RUO | CY178F0100L | 100 μg  |
|           | RUO | CY178F1000L | 1000 μg |
| hIGF2     | RUO | CY112F0010L | 10 μg   |
|           | RUO | CY112F0100L | 100 μg  |
|           | RUO | CY112F1000L | 1000 μg |

| 产品名称         | 级别  | 逐典货号        | 规格           |
|--------------|-----|-------------|--------------|
| hIHH         | RUO | CY113F0010L | 10 $\mu$ g   |
|              | RUO | CY113F0100L | 100 $\mu$ g  |
|              | RUO | CY113F1000L | 1000 $\mu$ g |
| hIL10        | RUO | CY114F0010L | 10 $\mu$ g   |
|              | RUO | CY114F0100L | 100 $\mu$ g  |
|              | RUO | CY114F1000L | 1000 $\mu$ g |
| hIL11        | RUO | CY115F0010L | 10 $\mu$ g   |
|              | RUO | CY115F0100L | 100 $\mu$ g  |
|              | RUO | CY115F1000L | 1000 $\mu$ g |
| hIL12        | RUO | CY071F0020  | 20 $\mu$ g   |
|              | RUO | CY071F0050  | 50 $\mu$ g   |
|              | RUO | CY116F0010L | 10 $\mu$ g   |
|              | RUO | CY116F0100L | 100 $\mu$ g  |
|              | RUO | CY116F1000L | 1000 $\mu$ g |
|              | GMP | CY071F0050  | 50 $\mu$ g   |
|              | GMP | CYG071F0050 | 50 $\mu$ g   |
|              | GMP | CYG071F0500 | 500 $\mu$ g  |
| hIL13        | RUO | CY117F0010L | 10 $\mu$ g   |
|              | RUO | CY117F0100L | 100 $\mu$ g  |
|              | RUO | CY117F1000L | 1000 $\mu$ g |
| hIL15pro     | RUO | CY018F0010L | 10 $\mu$ g   |
|              | RUO | CY018F0020  | 20 $\mu$ g   |
|              | RUO | CY018F0100L | 100 $\mu$ g  |
|              | GMP | CY018F0050  | 50 $\mu$ g   |
|              | GMP | CYG018F0050 | 50 $\mu$ g   |
|              | GMP | CYG018F0500 | 500 $\mu$ g  |
| hIL17A       | RUO | CY118F0010L | 10 $\mu$ g   |
|              | RUO | CY118F0100L | 100 $\mu$ g  |
|              | RUO | CY118F1000L | 1000 $\mu$ g |
| hIL18        | RUO | CY044F0010  | 10 $\mu$ g   |
|              | RUO | CY044F0020  | 20 $\mu$ g   |
|              | RUO | CY044F0020L | 20 $\mu$ g   |
|              | RUO | CY044F0050  | 50 $\mu$ g   |
|              | RUO | CY179F0010L | 10 $\mu$ g   |
|              | RUO | CY179F0100L | 100 $\mu$ g  |
|              | RUO | CY179F1000L | 1000 $\mu$ g |
|              | GMP | CY044F0050  | 50 $\mu$ g   |
|              | GMP | CYG044F0050 | 50 $\mu$ g   |
|              | GMP | CYG044F0500 | 500 $\mu$ g  |
| hIL19        | RUO | CY119F0010L | 10 $\mu$ g   |
|              | RUO | CY119F0100L | 100 $\mu$ g  |
|              | RUO | CY119F1000L | 1000 $\mu$ g |
| hIL1a        | RUO | CY120F0010L | 10 $\mu$ g   |
|              | RUO | CY120F0100L | 100 $\mu$ g  |
|              | RUO | CY120F1000L | 1000 $\mu$ g |
| hIL1 $\beta$ | RUO | CY040F0010  | 10 $\mu$ g   |
|              | RUO | CY040F1000  | 1000 $\mu$ g |
|              | RUO | CY180F0010L | 10 $\mu$ g   |
|              | RUO | CY180F0100L | 100 $\mu$ g  |
|              | RUO | CY180F1000L | 1000 $\mu$ g |
| hIL2         | RUO | CY181F0010L | 10 $\mu$ g   |
|              | RUO | CY181F0100L | 100 $\mu$ g  |
|              | RUO | CY181F1000L | 1000 $\mu$ g |
| hIL21        | RUO | CY025F0010  | 10 $\mu$ g   |
|              | RUO | CY025F0020  | 20 $\mu$ g   |
|              | RUO | CY025F0050  | 50 $\mu$ g   |
|              | RUO | CY025F0100L | 100 $\mu$ g  |
|              | RUO | CY182F0010L | 10 $\mu$ g   |
|              | RUO | CY182F0100L | 100 $\mu$ g  |
|              | RUO | CY182F1000L | 1000 $\mu$ g |
|              | GMP | CY025F0050  | 50 $\mu$ g   |
|              | GMP | CYG025F0050 | 50 $\mu$ g   |
|              | GMP | CYG025F0500 | 500 $\mu$ g  |

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|--------------|-----|-------------|---------|
| hIL23        | RUO | CY121F0010L | 10 μg   |
|              | RUO | CY121F0100L | 100 μg  |
|              | RUO | CY121F1000L | 1000 μg |
| hIL25/hIL17E | RUO | CY122F0010L | 10 μg   |
|              | RUO | CY122F0100L | 100 μg  |
|              | RUO | CY122F1000L | 1000 μg |
| hIL27        | RUO | CY123F0010L | 10 μg   |
|              | RUO | CY123F0100L | 100 μg  |
|              | RUO | CY123F1000L | 1000 μg |
| hIL28A       | RUO | CY124F0010L | 10 μg   |
|              | RUO | CY124F0100L | 100 μg  |
|              | RUO | CY124F1000L | 1000 μg |
| hIL28B       | RUO | CY125F0010L | 10 μg   |
|              | RUO | CY125F0100L | 100 μg  |
|              | RUO | CY125F1000L | 1000 μg |
| hIL29        | RUO | CY126F0010L | 10 μg   |
|              | RUO | CY126F0100L | 100 μg  |
|              | RUO | CY126F1000L | 1000 μg |
| hIL2pro      | RUO | CY017F0010  | 10 μg   |
|              | RUO | CY017F0010L | 10 μg   |
|              | RUO | CY017F0020  | 20 μg   |
|              | RUO | CY017F0100L | 100 μg  |
|              | GMP | CY017F0050  | 50 μg   |
|              | GMP | CYG017F0050 | 50 μg   |
|              | GMP | CYG017F0500 | 500 μg  |
| hIL3         | RUO | CY021F0010  | 10 μg   |
|              | RUO | CY021F0020  | 20 μg   |
|              | RUO | CY021F0050  | 50 μg   |
|              | RUO | CY183F0010L | 10 μg   |
|              | RUO | CY183F0100L | 100 μg  |
|              | RUO | CY183F1000L | 1000 μg |
| hIL31        | RUO | CY127F0010L | 10 μg   |
|              | RUO | CY127F0100L | 100 μg  |
|              | RUO | CY127F1000L | 1000 μg |
| hIL33        | RUO | CY045F0010  | 10 μg   |
|              | RUO | CY045F0050  | 50 μg   |
|              | RUO | CY184F0010L | 10 μg   |
|              | RUO | CY184F0100L | 100 μg  |
|              | RUO | CY184F1000L | 1000 μg |
| hIL34        | RUO | CY128F0010L | 10 μg   |
|              | RUO | CY128F0100L | 100 μg  |
|              | RUO | CY128F1000L | 1000 μg |
| hIL4         | RUO | CY041F0010  | 10 μg   |
|              | RUO | CY041F1000  | 1000 μg |
|              | RUO | CY185F0010L | 10 μg   |
|              | RUO | CY185F0100L | 100 μg  |
|              | RUO | CY185F1000L | 1000 μg |
| hIL5         | RUO | CY129F0010L | 10 μg   |
|              | RUO | CY129F0100L | 100 μg  |
|              | RUO | CY129F1000L | 1000 μg |
| hIL6         | RUO | CY042F0010  | 10 μg   |
|              | RUO | CY042F1000  | 1000 μg |
|              | RUO | CY186F0010L | 10 μg   |
|              | RUO | CY186F0100L | 100 μg  |
|              | RUO | CY186F1000L | 1000 μg |

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|-------------|-----|-------------|---------|
| hIL7        | RUO | CY022F0020  | 20 μg   |
|             | RUO | CY022F0100L | 100 μg  |
|             | RUO | CY187F0010L | 10 μg   |
|             | RUO | CY187F0100L | 100 μg  |
|             | RUO | CY187F1000L | 1000 μg |
|             | GMP | CY022F0050  | 50 μg   |
|             | GMP | CYG022F0050 | 50 μg   |
|             | GMP | CYG022F0500 | 500 μg  |
| hIL8        | RUO | CY130F0010L | 10 μg   |
|             | RUO | CY130F0100L | 100 μg  |
|             | RUO | CY130F1000L | 1000 μg |
| hIL9        | RUO | CY131F0010L | 10 μg   |
|             | RUO | CY131F0100L | 100 μg  |
|             | RUO | CY131F1000L | 1000 μg |
| hLIF        | RUO | CY076F0010L | 10 μg   |
|             | RUO | CY076F0100L | 100 μg  |
|             | RUO | CY076F1000L | 1000 μg |
| hNoggin     | RUO | CY081F0010L | 10 μg   |
|             | RUO | CY081F0100L | 100 μg  |
|             | RUO | CY081F1000L | 1000 μg |
| hOSM        | RUO | CY132F0010L | 10 μg   |
|             | RUO | CY132F0100L | 100 μg  |
|             | RUO | CY132F1000L | 1000 μg |
| hPDGF-AA    | RUO | CY056F0010  | 10 μg   |
|             | RUO | CY056F0050  | 50 μg   |
|             | RUO | CY056F1000  | 1000 μg |
| hPDGF-BB    | RUO | CY035F0010  | 10 μg   |
|             | RUO | CY035F0050  | 50 μg   |
|             | RUO | CY035F1000  | 1000 μg |
| hPGF        | RUO | CY133F0010L | 10 μg   |
|             | RUO | CY133F0100L | 100 μg  |
|             | RUO | CY133F1000L | 1000 μg |
| hProlactin  | RUO | CY134F0010L | 10 μg   |
|             | RUO | CY134F0100L | 100 μg  |
|             | RUO | CY134F1000L | 1000 μg |
| hR-Spondin1 | RUO | CY082F0010L | 10 μg   |
|             | RUO | CY082F0100L | 100 μg  |
|             | RUO | CY082F1000L | 1000 μg |
| hSCF        | RUO | CY061F0010  | 10 μg   |
|             | RUO | CY061F1000  | 1000 μg |
|             | RUO | CY188F0010L | 10 μg   |
|             | RUO | CY188F0100L | 100 μg  |
|             | RUO | CY188F1000L | 1000 μg |
| hSHH        | RUO | CY135F0010L | 10 μg   |
|             | RUO | CY135F0100L | 100 μg  |
|             | RUO | CY135F1000L | 1000 μg |
| hTGF β 1    | RUO | CY083F0010L | 10 μg   |
|             | RUO | CY083F0100L | 100 μg  |
|             | RUO | CY083F1000L | 1000 μg |
| hTGF β 2    | RUO | CY084F0010L | 10 μg   |
|             | RUO | CY084F0100L | 100 μg  |
|             | RUO | CY084F1000L | 1000 μg |

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|------------------------|-----|-------------|--------------|
| hTGF $\beta$ 3         | RUO | CY085F0010L | 10 $\mu$ g   |
|                        | RUO | CY085F0100L | 100 $\mu$ g  |
|                        | RUO | CY085F1000L | 1000 $\mu$ g |
| hTNF $\alpha$          | RUO | CY052F1000  | 1000 $\mu$ g |
|                        | RUO | CY189F0010L | 10 $\mu$ g   |
|                        | RUO | CY189F0100L | 100 $\mu$ g  |
|                        | RUO | CY189F1000L | 1000 $\mu$ g |
| hTPO                   | RUO | CY073F0010L | 10 $\mu$ g   |
|                        | RUO | CY073F0050L | 50 $\mu$ g   |
|                        | RUO | CY190F0010L | 10 $\mu$ g   |
|                        | RUO | CY190F0100L | 100 $\mu$ g  |
|                        | RUO | CY190F1000L | 1000 $\mu$ g |
| hVEGFA                 | RUO | CY086F0010L | 10 $\mu$ g   |
|                        | RUO | CY086F0100L | 100 $\mu$ g  |
|                        | RUO | CY086F1000L | 1000 $\mu$ g |
| hWnt3a                 | RUO | CY087F0010L | 10 $\mu$ g   |
|                        | RUO | CY087F0100L | 100 $\mu$ g  |
|                        | RUO | CY087F1000L | 1000 $\mu$ g |
| LECT2                  | RUO | CY136F0010L | 10 $\mu$ g   |
|                        | RUO | CY136F0100L | 100 $\mu$ g  |
|                        | RUO | CY136F1000L | 1000 $\mu$ g |
| mAngiotensinogen(mAGT) | RUO | CY137F0010L | 10 $\mu$ g   |
|                        | RUO | CY137F0100L | 100 $\mu$ g  |
|                        | RUO | CY137F1000L | 1000 $\mu$ g |
| mCCL2/MIP-1            | RUO | CY138F0010L | 10 $\mu$ g   |
|                        | RUO | CY138F0100L | 100 $\mu$ g  |
|                        | RUO | CY138F1000L | 1000 $\mu$ g |
| mCCL20/MIP-3A          | RUO | CY139F0010L | 10 $\mu$ g   |
|                        | RUO | CY139F0100L | 100 $\mu$ g  |
|                        | RUO | CY139F1000L | 1000 $\mu$ g |
| mCSF1/M-CSF            | RUO | CY140F0010L | 10 $\mu$ g   |
|                        | RUO | CY140F0100L | 100 $\mu$ g  |
|                        | RUO | CY140F1000L | 1000 $\mu$ g |
| mCSF2/GM-CSF           | RUO | CY141F0010L | 10 $\mu$ g   |
|                        | RUO | CY141F0100L | 100 $\mu$ g  |
|                        | RUO | CY141F1000L | 1000 $\mu$ g |
| mEGF                   | RUO | CY088F0010L | 10 $\mu$ g   |
|                        | RUO | CY088F0100L | 100 $\mu$ g  |
|                        | RUO | CY088F1000L | 1000 $\mu$ g |
| mEPO                   | RUO | CY142F0010L | 10 $\mu$ g   |
|                        | RUO | CY142F0100L | 100 $\mu$ g  |
|                        | RUO | CY142F1000L | 1000 $\mu$ g |
| mFGF2                  | RUO | CY143F0010L | 10 $\mu$ g   |
|                        | RUO | CY143F0100L | 100 $\mu$ g  |
|                        | RUO | CY143F1000L | 1000 $\mu$ g |
| mFGF7                  | RUO | CY089F0010L | 10 $\mu$ g   |
|                        | RUO | CY089F0100L | 100 $\mu$ g  |
|                        | RUO | CY089F1000L | 1000 $\mu$ g |
| mFLT3L                 | RUO | CY144F0010L | 10 $\mu$ g   |
|                        | RUO | CY144F0100L | 100 $\mu$ g  |
|                        | RUO | CY144F1000L | 1000 $\mu$ g |

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|------------------|-----|-------------|--------------|
| mHGF             | RUO | CY145F0010L | 10 $\mu$ g   |
|                  | RUO | CY145F0100L | 100 $\mu$ g  |
|                  | RUO | CY145F1000L | 1000 $\mu$ g |
| mIFN $\alpha$ 2a | RUO | CY146F0010L | 10 $\mu$ g   |
|                  | RUO | CY146F0100L | 100 $\mu$ g  |
|                  | RUO | CY146F1000L | 1000 $\mu$ g |
| mIFN- $\gamma$   | RUO | CY147F0010L | 10 $\mu$ g   |
|                  | RUO | CY147F0100L | 100 $\mu$ g  |
|                  | RUO | CY147F1000L | 1000 $\mu$ g |
| mIL10            | RUO | CY148F0010L | 10 $\mu$ g   |
|                  | RUO | CY148F0100L | 100 $\mu$ g  |
|                  | RUO | CY148F1000L | 1000 $\mu$ g |
| mIL11            | RUO | CY149F0010L | 10 $\mu$ g   |
|                  | RUO | CY149F0100L | 100 $\mu$ g  |
|                  | RUO | CY149F1000L | 1000 $\mu$ g |
| mIL12            | RUO | CY150F0010L | 10 $\mu$ g   |
|                  | RUO | CY150F0100L | 100 $\mu$ g  |
|                  | RUO | CY150F1000L | 1000 $\mu$ g |
| mIL13            | RUO | CY151F0010L | 10 $\mu$ g   |
|                  | RUO | CY151F0100L | 100 $\mu$ g  |
|                  | RUO | CY151F1000L | 1000 $\mu$ g |
| mIL17A           | RUO | CY152F0010L | 10 $\mu$ g   |
|                  | RUO | CY152F0100L | 100 $\mu$ g  |
|                  | RUO | CY152F1000L | 1000 $\mu$ g |
| mIL19            | RUO | CY153F0010L | 10 $\mu$ g   |
|                  | RUO | CY153F0100L | 100 $\mu$ g  |
|                  | RUO | CY153F1000L | 1000 $\mu$ g |
| mIL1a            | RUO | CY154F0010L | 10 $\mu$ g   |
|                  | RUO | CY154F0100L | 100 $\mu$ g  |
|                  | RUO | CY154F1000L | 1000 $\mu$ g |
| mIL1 $\beta$     | RUO | CY155F0010L | 10 $\mu$ g   |
|                  | RUO | CY155F0100L | 100 $\mu$ g  |
|                  | RUO | CY155F1000L | 1000 $\mu$ g |
| mIL2             | RUO | CY156F0010L | 10 $\mu$ g   |
|                  | RUO | CY156F0100L | 100 $\mu$ g  |
|                  | RUO | CY156F1000L | 1000 $\mu$ g |
| mIL21            | RUO | CY157F0010L | 10 $\mu$ g   |
|                  | RUO | CY157F0100L | 100 $\mu$ g  |
|                  | RUO | CY157F1000L | 1000 $\mu$ g |
| mIL23            | RUO | CY158F0010L | 10 $\mu$ g   |
|                  | RUO | CY158F0100L | 100 $\mu$ g  |
|                  | RUO | CY158F1000L | 1000 $\mu$ g |
| mIL25/mIL17E     | RUO | CY159F0010L | 10 $\mu$ g   |
|                  | RUO | CY159F0100L | 100 $\mu$ g  |
|                  | RUO | CY159F1000L | 1000 $\mu$ g |
| mIL3             | RUO | CY160F0010L | 10 $\mu$ g   |
|                  | RUO | CY160F0100L | 100 $\mu$ g  |
|                  | RUO | CY160F1000L | 1000 $\mu$ g |
| mIL4             | RUO | CY161F0010L | 10 $\mu$ g   |
|                  | RUO | CY161F0100L | 100 $\mu$ g  |
|                  | RUO | CY161F1000L | 1000 $\mu$ g |

| 产品名称          | 级别  | 逐典货号        | 规格           |
|---------------|-----|-------------|--------------|
| mIL5          | RUO | CY162F0010L | 10 $\mu$ g   |
|               | RUO | CY162F0100L | 100 $\mu$ g  |
|               | RUO | CY162F1000L | 1000 $\mu$ g |
| mIL6          | RUO | CY163F0010L | 10 $\mu$ g   |
|               | RUO | CY163F0100L | 100 $\mu$ g  |
|               | RUO | CY163F1000L | 1000 $\mu$ g |
| mIL7          | RUO | CY164F0010L | 10 $\mu$ g   |
|               | RUO | CY164F0100L | 100 $\mu$ g  |
|               | RUO | CY164F1000L | 1000 $\mu$ g |
| mLECT2        | RUO | CY165F0010L | 10 $\mu$ g   |
|               | RUO | CY165F0100L | 100 $\mu$ g  |
|               | RUO | CY165F1000L | 1000 $\mu$ g |
| mLeptin       | RUO | CY166F0010L | 10 $\mu$ g   |
|               | RUO | CY166F0100L | 100 $\mu$ g  |
|               | RUO | CY166F1000L | 1000 $\mu$ g |
| mLIF          | RUO | CY090F0010L | 10 $\mu$ g   |
|               | RUO | CY090F0100L | 100 $\mu$ g  |
|               | RUO | CY090F1000L | 1000 $\mu$ g |
| mLRP2         | RUO | CY167F0010L | 10 $\mu$ g   |
|               | RUO | CY167F0100L | 100 $\mu$ g  |
|               | RUO | CY167F1000L | 1000 $\mu$ g |
| mMIF          | RUO | CY168F0010L | 10 $\mu$ g   |
|               | RUO | CY168F0100L | 100 $\mu$ g  |
|               | RUO | CY168F1000L | 1000 $\mu$ g |
| mNoggin       | RUO | CY091F0010L | 10 $\mu$ g   |
|               | RUO | CY091F0100L | 100 $\mu$ g  |
|               | RUO | CY091F1000L | 1000 $\mu$ g |
| mOSM          | RUO | CY169F0010L | 10 $\mu$ g   |
|               | RUO | CY169F0100L | 100 $\mu$ g  |
|               | RUO | CY169F1000L | 1000 $\mu$ g |
| mRANKL        | RUO | CY170F0010L | 10 $\mu$ g   |
|               | RUO | CY170F0100L | 100 $\mu$ g  |
|               | RUO | CY170F1000L | 1000 $\mu$ g |
| mRenin        | RUO | CY171F0010L | 10 $\mu$ g   |
|               | RUO | CY171F0100L | 100 $\mu$ g  |
|               | RUO | CY171F1000L | 1000 $\mu$ g |
| mSCF          | RUO | CY172F0010L | 10 $\mu$ g   |
|               | RUO | CY172F0100L | 100 $\mu$ g  |
|               | RUO | CY172F1000L | 1000 $\mu$ g |
| mTNF $\alpha$ | RUO | CY173F0010L | 10 $\mu$ g   |
|               | RUO | CY173F0100L | 100 $\mu$ g  |
|               | RUO | CY173F1000L | 1000 $\mu$ g |
| mTPO          | RUO | CY111F0010L | 10 $\mu$ g   |
|               | RUO | CY111F0100L | 100 $\mu$ g  |
|               | RUO | CY111F1000L | 1000 $\mu$ g |
| mVEGFA        | RUO | CY092F0010L | 10 $\mu$ g   |
|               | RUO | CY092F0100L | 100 $\mu$ g  |
|               | RUO | CY092F1000L | 1000 $\mu$ g |

\*可提供定制服务  
其他产品请联系当地销售

# 改良型细胞因子

## CHASELECTION IL-2 Pro

具有高溶解性的IL-2

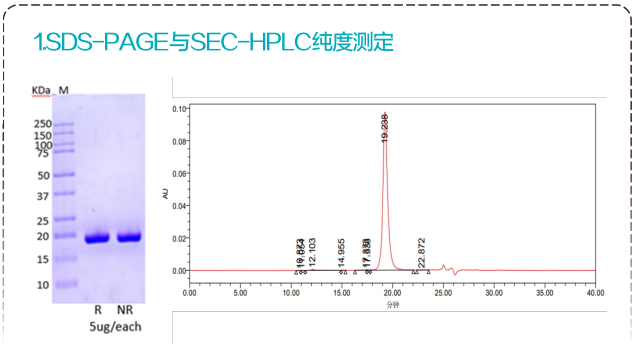
### 产品描述

IL-2 Pro在中性pH溶液中水溶性对比野生型IL-2提高20倍以上，是目前报道的可溶性最优的产品。IL-2 Pro做到了活性保持基础上的高溶解度，工艺、研发上使用更便捷。

### 产品特点

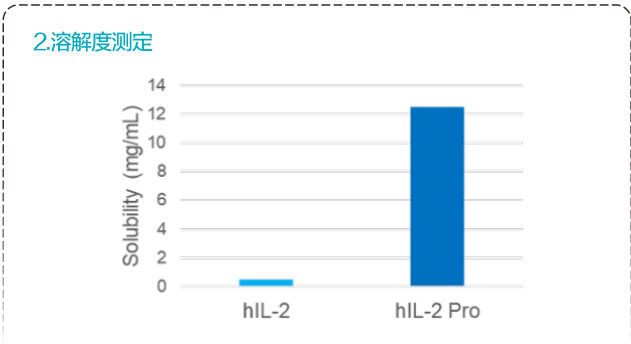
- 高纯度
- 高溶解度
- 无动物源（AOF）
- GMP级别

### 实验数据



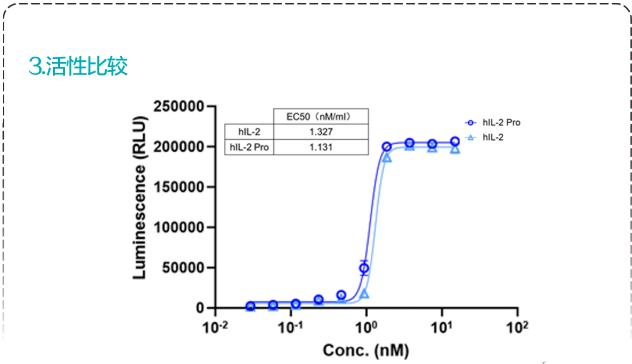
IL-2 Pro SDS-PAGE(左) 和SEC-HPLC纯度分析(右)

非还原及还原的SDS-PAGE显示蛋白分子量约17kDa，未见杂蛋白(左)  
SEC-HPLC显示高纯度，无聚集体产生(右)



IL-2 Pro与IL-2的溶解度比较

pH7.4条件下，IL-2 Pro浓度可以到12.5mg/ml是野生型的25倍



IL-2 Pro与IL-2的活性比较（CTLL-2细胞）

小鼠T淋巴细胞（CTLL-2）细胞活性实验表明  
IL-2 Pro同野生型IL-2活性类似

# 改良型细胞因子

## CHASELECTION IL-15 Pro

具有超高活性的IL-15

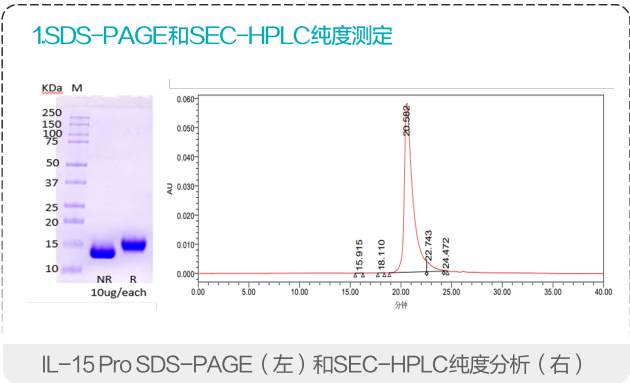
### 产品描述

IL-15 Pro是通过精准分子设计得到的超高活性IL-15，生产中解决了IL-15稳定性差，容易形成异构体的问题，纯化过程不依赖反相层析，溶液中更加稳定。IL-15 Pro对IL-15受体亲和力比野生型提高100倍以上，对NK细胞增殖能力提高20倍。

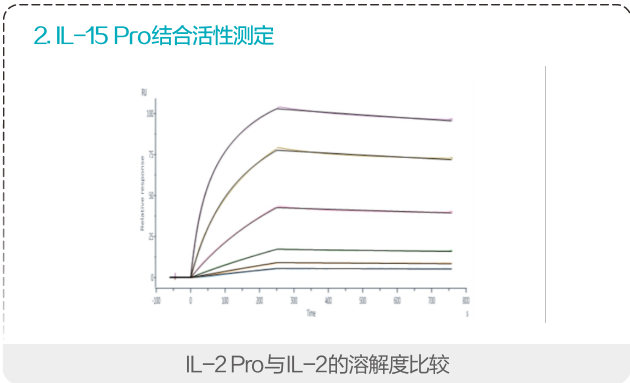
### 产品特点

- 高活性
- 无动物源 (AOF)
- 高纯度
- GMP级别

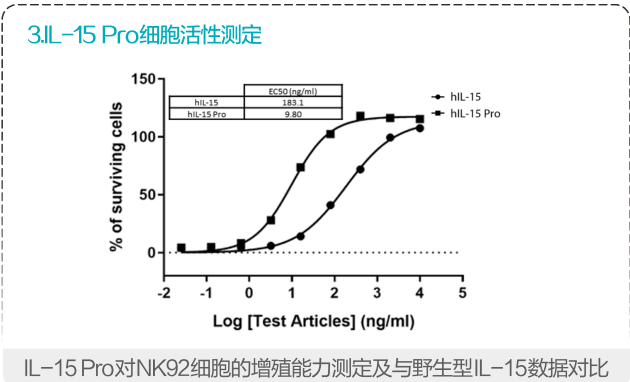
### 实验数据



非还原及还原的 SDS-PAGE 显示蛋白分子量约 15kDa (左)，未见杂蛋白活性数据；SEC-HPLC 尺寸排阻色谱显示高纯度，无聚集体产生 (右)



SPR 结果显示，IL-15 Pro 对 IL-15 受体亲和力提高 100 倍  
人源 CD122 (IL-15R-beta) 与 IL-15 Pro 的  $K_d = 0.51 \text{ nM}$



IL-15 Pro 对 NK 细胞 (NK92) 的增殖能力能够提高 20 倍

### 订购信息

| 类型        | 级别    | 货号          | 规格( $\mu\text{g}$ ) |
|-----------|-------|-------------|---------------------|
| IL-2 Pro  | 科研级   | CY017F0010  | 10                  |
|           |       | CY017F0100  | 100                 |
|           | GMP 级 | CYG017F0050 | 50                  |
|           |       | CYG017F0500 | 500                 |
| IL-15 Pro | 科研级   | CY018F0010  | 10                  |
|           |       | CY018F0100  | 100                 |
|           | GMP 级 | CYG018F0050 | 50                  |
|           |       | CYG018F0500 | 500                 |

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